



3014 (02-09-04)

ANNUAL REPORT

OF

Name: MEDFORD ELECTRIC UTILITY

Principal Office: 330 S WHELEN AVENUE
P.O. BOX 358
MEDFORD, WI 54451

For the Year Ended: DECEMBER 31, 1999

**WATER, ELECTRIC, OR JOINT UTILITY
TO
PUBLIC SERVICE COMMISSION OF WISCONSIN**P.O. Box 7854
Madison, WI 53707-7854
(608) 266-3766

This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than \$25 nor more than \$5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.

SIGNATURE PAGE

I MIKE A. FREY of
(Person responsible for accounts)

MEDFORD ELECTRIC UTILITY, certify that I
(Utility Name)

am the person responsible for accounts; that I have examined the following report and, to the best of my knowledge, information and belief, it is a correct statement of the business and affairs of said utility for the period covered by the report in respect to each and every matter set forth therein.

	12/31/1999
(Signature of person responsible for accounts)	(Date)

MANAGER

(Title)

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IDENTIFICATION AND OWNERSHIP

Exact Utility Name: MEDFORD ELECTRIC UTILITY**Utility Address:** 330 S WHELEN AVENUE

P.O. BOX 358

MEDFORD, WI 54451

When was utility organized? 4/18/1944**Report any change in name:****Effective Date:****Utility Web Site:**

Utility employee in charge of correspondence concerning this report:

Name: MR MICHAEL FREY**Title:** MANAGER**Office Address:**

330 S WHELEN AVENUE

P.O. BOX 360

MEDFORD, WI 54451

Telephone: (715) 748 - 3211**Fax Number:** (715) 748 - 1523**E-mail Address:** meu@tds.net

Individual or firm, if other than utility employee, preparing this report:

Name: MR CLIFFORD A. WIERNIK CPA**Title:** PARTNER**Office Address:** VIRCHOW, KRAUSE & COMPANY

401 5TH STREET, SUITE 339

WAUSAU, WI 54403

Telephone: (715) 842 - 3324**Fax Number:** (715) 842 - 8146**E-mail Address:** cliffw@sr-a.com

President, chairman, or head of utility commission/board or committee:

Name: MS ARLENE PARENT**Title:** CHAIR**Office Address:**

133 W. STATE ST.

MEDFORD, WI 54451

Telephone: (715) 748 - 4321**Fax Number:** (715) 784 - 1179**E-mail Address:**

Are records of utility audited by individuals or firms, other than utility employee? YES

IDENTIFICATION AND OWNERSHIP

Individual or firm, if other than utility employee, auditing utility records:

Name: MR CLIFFORD A. WIERNIK CPA**Title:** PARTNER**Office Address:** VIRCHOW, KRAUSE & COMPANY
401 5TH STREET, SUITE 339
WAUSAU, WI 54403**Telephone:** (715) 842 - 3324**Fax Number:** (715) 842 - 8146**E-mail Address:** cliffw@sr-a.com**Date of most recent audit report:** 2/10/2000**Period covered by most recent audit:** 1/1/99 TO 12/31/99

Names and titles of utility management including manager or superintendent:

Name: MR MICHAEL FREY**Title:** MANAGER**Office Address:**330 S WHELEN AVENUE
P.O. BOX 360
MEDFORD, WI 54451**Telephone:** (715) 748 - 3211**Fax Number:** (715) 748 - 1523**E-mail Address:** mte@tds.net

Name of utility commission/committee:

Names of members of utility commission/committee:MS PEGGY KRASCHNEWSKI, MEMBER
MR ELLEN LATSCH, MEMBER
MS ARLENE PARENT, CHAIR
MR WILLIAM SCHMITZ, MEMBER

Is sewer service rendered by the utility? NO**If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.077 of the Wisconsin Statutes?** NO**Date of Ordinance:** **Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)?** NO

Provide the following information regarding the provider(s) of contract services:

IDENTIFICATION AND OWNERSHIP

Firm Name:

Contact Person:

Title:

Telephone:

Fax Number:

E-mail Address:

Contract/Agreement beginning-ending dates:

Provide a brief description of the nature of Contract Operations being provided:

INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	5,594,897	5,423,885	1
Operating Expenses:			
Operation and Maintenance Expense (401-402)	4,757,003	4,634,135	2
Depreciation Expense (403)	240,158	232,277	3
Amortization Expense (404-407)	45,037	0	4
Taxes (408)	146,717	146,886	5
Total Operating Expenses	5,188,915	5,013,298	
Net Operating Income	405,982	410,587	
Income from Utility Plant Leased to Others (412-413)	0	0	6
Utility Operating Income	405,982	410,587	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	(7,541)	422	7
Income from Nonutility Operations (417)	0	0	8
Nonoperating Rental Income (418)	0	0	9
Interest and Dividend Income (419)	58,522	66,200	10
Miscellaneous Nonoperating Income (421)	0	0	11
Total Other Income	50,981	66,622	
Total Income	456,963	477,209	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0	0	12
Other Income Deductions (426)	750	0	13
Total Miscellaneous Income Deductions	750	0	
Income Before Interest Charges	456,213	477,209	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	97,464	155,160	14
Amortization of Debt Discount and Expense (428)	36,140	3,859	15
Amortization of Premium on Debt--Cr. (429)			16
Interest on Debt to Municipality (430)	0	0	17
Other Interest Expense (431)	1,357	1,350	18
Interest Charged to Construction--Cr. (432)	0		19
Total Interest Charges	134,961	160,369	
Net Income	321,252	316,840	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	3,087,712	3,261,361	20
Balance Transferred from Income (433)	321,252	316,840	21
Miscellaneous Credits to Surplus (434)	0	0	22
Miscellaneous Debits to Surplus--Debit (435)	0	490,489	23
Appropriations of Surplus--Debit (436)	(13,483)	0	24
Appropriations of Income to Municipal Funds--Debit (439)	0	0	25
Total Unappropriated Earned Surplus End of Year (216)	3,422,447	3,087,712	

INCOME STATEMENT ACCOUNT DETAILS

1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Amount (b)	
Revenues from Utility Plant Leased to Others (412):		
NONE		1
Total (Acct. 412):	0	
Expenses of Utility Plant Leased to Others (413):		
NONE		2
Total (Acct. 413):	0	
Income from Nonutility Operations (417):		
NONE		3
Total (Acct. 417):	0	
Nonoperating Rental Income (418):		
NONE		4
Total (Acct. 418):	0	
Interest and Dividend Income (419):		
INTEREST ON TEMPORARY INVESTMENTS	58,522	5
Total (Acct. 419):	58,522	
Miscellaneous Nonoperating Income (421):		
	0	6
Total (Acct. 421):	0	
Miscellaneous Amortization (425):		
NONE		7
Total (Acct. 425):	0	
Other Income Deductions (426):		
MISC	750	8
Total (Acct. 426):	750	
Miscellaneous Credits to Surplus (434):		
	0	9
Total (Acct. 434):	0	
Miscellaneous Debits to Surplus (435):		
NONE		10
Total (Acct. 435)--Debit:	0	
Appropriations of Surplus (436):		
Detail appropriations to (from) account 215	(13,483)	11
Total (Acct. 436)--Debit:	(13,483)	
Appropriations of Income to Municipal Funds (439):		
NONE		12
Total (Acct. 439)--Debit:	0	

INCOME FROM MERCHANDISING, JOBBING & CONTRACT WORK (ACCTS. 415-416)

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)		3,721			3,721	1
Costs & Expenses of Merchandising, Jobbing and Contract Work (416):						
Cost of merchandise sold					0	2
Payroll		11,262			11,262	3
Materials					0	4
Taxes					0	5
Other (list by major classes):						
NONE					0	6
Total costs and expenses	0	11,262	0	0	11,262	
Net income (or loss)	0	(7,541)	0	0	(7,541)	

REVENUES SUBJECT TO WISCONSIN REMAINDER ASSESSMENT

1. Report data necessary to calculate revenue subject to Wisconsin remainder assessment pursuant to Wis. Stat. § 196.85(2) and Wis. Admin. Code Ch. PSC 5.
2. If the sewer department is not regulated by the PSC, do not report sewer department data in column (d).

Description (a)	Water Utility (b)	Electric Utility (c)	Sewer Utility (Regulated Only) (d)	Gas Utility (e)	Total (f)	
Total operating revenues	0	5,594,897	0	0	5,594,897	1
Less: interdepartmental sales	0	91,379	0	0	91,379	2
Less: interdepartmental rents	0	0		0	0	3
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				0	4
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained		(904)			(904)	5
Other Increases or (Decreases)						
to Operating Revenues - Specify:						
NONE					0	6
Revenues subject to Wisconsin Remainder Assessment	0	5,504,422	0	0	5,504,422	

DISTRIBUTION OF TOTAL PAYROLL

1. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
2. The amount for clearing accounts in column (c) is entered as a negative for account "Clearing Accounts" and the distributions to accounts on all other lines in column (c) will be positive with the total of column (c) being zero.
3. Provide additional information in the schedule footnotes when necessary.

Accounts Charged (a)	Direct Payroll Distribution (b)	Allocation of Amounts Charged Clearing Accts. (c)	Total (d)	
Water operating expenses			0	1
Electric operating expenses	253,302	8,651	261,953	2
Gas operating expenses			0	3
Heating operating expenses			0	4
Sewer operating expenses			0	5
Merchandising and jobbing	9,282		9,282	6
Other nonutility expenses			0	7
Water utility plant accounts			0	8
Electric utility plant accounts	34,059		34,059	9
Gas utility plant accounts			0	10
Heating utility plant accounts			0	11
Sewer utility plant accounts			0	12
Accum. prov. for depreciation of water plant			0	13
Accum. prov. for depreciation of electric plant	8,414		8,414	14
Accum. prov. for depreciation of gas plant			0	15
Accum. prov. for depreciation of heating plant			0	16
Accum. prov. for depreciation of sewer plant			0	17
Clearing accounts	8,651	(8,651)	0	18
All other accounts			0	19
Total Payroll	313,708	0	313,708	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (100)	7,524,370	7,309,969	1
Less: Accumulated Provision for Depreciation and Amortization of Utility Plant (110)	2,289,763	2,143,102	2
Net Utility Plant	5,234,607	5,166,867	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	0	0	3
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	4
Net Nonutility Property	0	0	
Investment in Municipality (123)	0	0	5
Other Investments (124)	339	339	6
Special Funds (125)	1,045,796	1,053,533	7
Total Other Property and Investments	1,046,135	1,053,872	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)	657,666	485,333	8
Temporary Cash Investments (132)	0		9
Notes Receivable (141)	0	0	10
Customer Accounts Receivable (142)	492,704	443,096	11
Other Accounts Receivable (143)	127,728	122,868	12
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	13
Receivables from Municipality (145)	2,114	0	14
Materials and Supplies (150)	205,513	219,343	15
Prepayments (165)	15,688	15,398	16
Other Current and Accrued Assets (170)			17
Total Current and Accrued Assets	1,501,413	1,286,038	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	223,798	63,702	18
Extraordinary Property Losses (182)	0	0	19
Other Deferred Debits (183)	90,073	130,344	20
Total Deferred Debits	313,871	194,046	
Total Assets and Other Debits	8,096,026	7,700,823	

BALANCE SHEET

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
PROPRIETARY CAPITAL			
Capital Paid in by Municipality (200)	0	0	21
Appropriated Earned Surplus (215)	876,537	890,020	22
Unappropriated Earned Surplus (216)	3,422,447	3,087,712	23
Total Proprietary Capital	4,298,984	3,977,732	
LONG-TERM DEBT			
Bonds (221)	2,360,000	2,365,000	24
Advances from Municipality (223)	0	0	25
Other Long-Term Debt (224)	0	0	26
Total Long-Term Debt	2,360,000	2,365,000	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	0	0	27
Accounts Payable (232)	381,764	379,957	28
Payables to Municipality (233)	408,857	353,536	29
Customer Deposits (235)	6,735	7,335	30
Taxes Accrued (236)	105,856	105,856	31
Interest Accrued (237)	10,556	14,237	32
Other Current and Accrued Liabilities (238)	38,853	17,628	33
Total Current and Accrued Liabilities	952,621	878,549	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0	0	34
Customer Advances for Construction (252)	48,268	48,927	35
Other Deferred Credits (253)	0	0	36
Total Deferred Credits	48,268	48,927	
OPERATING RESERVES			
Property Insurance Reserve (261)			37
Injuries and Damages Reserve (262)			38
Pensions and Benefits Reserve (263)			39
Miscellaneous Operating Reserves (265)			40
Total Operating Reserves	0	0	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	436,153	430,615	41
Total Liabilities and Other Credits	8,096,026	7,700,823	

NET UTILITY PLANT

Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

Particulars (a)	Water (b)	Sewer (c)	Gas (d)	Electric (e)	
Plant Accounts:					
Utility Plant in Service (101)	0	0	0	7,513,139	1
Utility Plant Purchased or Sold (102)					2
Utility Plant in Process of Reclassification (103)					3
Utility Plant Leased to Others (104)					4
Property Held for Future Use (105)				9,195	5
Completed Construction not Classified (106)					6
Construction Work in Progress (107)				2,036	7
Utility Plant Acquisition Adjustments (108)					8
Other Utility Plant Adjustments (109)					9
Total Utility Plant	0	0	0	7,524,370	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (110)	0	0	0	2,289,763	10
Total Accumulated Provision	0	0	0	2,289,763	
Net Utility Plant	0	0	0	5,234,607	

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT (ACCT. 110)

Depreciation Accruals (Credits) during the year:

1. Report the amounts charged in the operating sections to Depreciation Expense (403).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water column.
If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Electric (b)	(c)	(d)	(e)	Total (f)	
Balance first of year	2,143,102				2,143,102	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	240,158				240,158	4
Depreciation expense on meters						5
charged to sewer (see Note 3)					0	6
Accruals charged other						7
accounts (specify):						8
Transportation	16,241				16,241	9
Salvage	7,647				7,647	10
Other credits (specify):						11
Gain on vehicle trade-in	4,912				4,912	12
Total credits	268,958	0	0	0	268,958	13
Debits during year						14
Book cost of plant retired	110,223				110,223	15
Cost of removal	12,074				12,074	16
Other debits (specify):						17
					0	18
Total debits	122,297	0	0	0	122,297	19
Balance End of Year	2,289,763	0	0	0	2,289,763	20
Composite Depreciation Rate?	No					21
If yes, what is the rate?						22

NET NONUTILITY PROPERTY (ACCTS. 121 & 122)

1. Report separately each item of property with a book cost of \$5,000 or more included in account 121.
2. Other items may be grouped by classes of property.
3. Describe in detail any investment in sewer department carried in this account.

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			0	1
Other (specify):					
NONE	0			0	2
Total Nonutility Property (121)	0	0	0	0	
Less accum. prov. depr. & amort. (122)	0			0	3
Net Nonutility Property	0	0	0	0	

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR. (ACCT. 144)

Particulars (a)	Amount (b)	
Balance first of year	0	1
Additions:		
Provision for uncollectibles during year		2
Collection of accounts previously written off: Utility Customers		3
Collection of accounts previously written off: Others		4
Total Additions	<u>0</u>	
Deductions:		
Accounts written off during the year: Utility Customers		5
Accounts written off during the year: Others		6
Total accounts written off	<u>0</u>	
Balance end of year	<u><u>0</u></u>	

MATERIALS AND SUPPLIES

Account (a)	Generation (b)	Transmission (c)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)	
Electric Utility							
Fuel for generation					0	0	1
Other			205,513		205,513	219,343	2
Total Electric Utility					205,513	219,343	

Account	Total End of Year	Amount Prior Year	
Electric utility total	205,513	219,343	1
Water utility		0	2
Sewer utility		0	3
Gas utility		0	4
Merchandise		0	5
Other materials & supplies		0	6
Total Materials and Supplies	205,513	219,343	

UNAMORTIZED DEBT DISCOUNT & EXPENSE & PREMIUM ON DEBT (ACCTS. 181 AND 251)

Report net discount and expense or premium separately for each security issue.

Debt Issue to Which Related (a)	Written Off During Year		Balance End of Year (d)	
	Amount (b)	Account Charged or Credited (c)		
Unamortized debt discount & expense (181)				
1992 ELECTRIC SYSTEM REVENUE BONDS	622	428	9,035	1
1992 ELECTRIC SYSTEM REVENUE BONDS-REFINANCED 1999	2,205	428	32,032	2
1994 ELECTRIC SYSTEM REVENUE BONDS	528	428	7,439	3
1994 ELECTRIC SYSTEM REVENUE BONDS-REFINANCED 1999	792	428	11,159	4
1999 BOND ISSUE COSTS-REVENUE REFUNDING BONDS	2,621	428	26,731	5
1999 REVENUE REFUNDING BONDS-REFUNDING DISCOUNT	28,092	428	122,102	6
1999REVENUE REFUNDING BONDS-DISCOUNT	1,500	428	15,300	7
Total			223,798	
Unamortized premium on debt (251)				
NONE	0	0	0	8
Total			0	

CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Amount (b)	
Balance first of year	0	1
Changes during year (explain):		
NONE		2
Balance end of year	0	

BONDS (ACCT. 221)

1. Report hereunder information required for each separate issue of bonds.
2. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
3. Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)	
1992 ELECTRIC SYSTEM REVENUE BONDS	06/01/1992	06/01/2009	5.95%	315,000	1
1994 ELECTRIC SYSTEM REVENUE BONDS	06/01/1994	06/01/2009	5.10%	365,000	2
1999 ELECTRIC SYSTEM REVENUE REFUNDING	02/25/1999	12/01/2009	3.95%	1,680,000	3
Total Bonds (Account 221):				2,360,000	

NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT

1. Report each class of debt included in Accounts 223, 224 and 231.
2. Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
3. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)
------------------------------------------------------------	----------------------------------	--------------------------------------------	----------------------------------	-----------------------------------------------------

NONE

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	105,856	1
Accruals:		
Charged water department expense		2
Charged electric department expense	146,717	3
Charged sewer department expense		4
Other (explain):		
NONE		5
Total Accruals and other credits	146,717	
Taxes paid during year:		
County, state and local taxes	105,856	6
Social Security taxes	19,342	7
PSC Remainder Assessment	6,415	8
Other (explain):		
Gross revenue tax	15,104	9
Total payments and other debits	146,717	
Balance end of year	105,856	

INTEREST ACCRUED (ACCT. 237)

1. Report below interest accrued on each utility obligation.
2. Report Customer Deposits under Account 231.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
Bonds (221)					
1992 AND 1994 REVENUE BONDS	12,660	35,148	44,463	3,345	1
1999 REVENUE REFUNDING BONDS		62,316	55,392	6,924	2
Subtotal	12,660	97,464	99,855	10,269	
Advances from Municipality (223)					
NONE	0			0	3
Subtotal	0	0	0	0	
Other Long-Term Debt (224)					
NONE	0			0	4
Subtotal	0	0	0	0	
Notes Payable (231)					
CUSTOMER DEPOSITS	1,577	1,357	2,647	287	5
Subtotal	1,577	1,357	2,647	287	
Total	14,237	98,821	102,502	10,556	

CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)

Particulars (a)	Water (b)	Electric		Sewer (e)	Gas (f)	Total (g)	
		Distribution (c)	Other (d)				
Balance First of Year	0	430,615	0	0	0	430,615	1
Add credits during year:							
For Services		1,142				1,142	2
For Mains						0	3
Other (specify):							
CUSTOMER DEPOSITS FORFEITED (TIME RESTRICTED, NON REFUNDABLE		4,396				4,396	4
Deduct charges (specify):							
NONE						0	5
Balance End of Year	0	436,153	0	0	0	436,153	
Amount of federal and state grants in aid received for utility construction included in End of Year totals						0	6

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Investment in Municipality (123):		
NONE		1
Total (Acct. 123):	0	
Other Investments (124):		
MEDFORD CO-OP STOCK	339	2
Total (Acct. 124):	339	
Special Funds (125):		
BOND REDEMPTION FUNDS	656,962	3
SYSTEM OPERATION/MAINTENANCE FUNDS	195,925	4
SYSTEM REPLACEMENT/ADDITION FUND	192,909	5
Total (Acct. 125):	1,045,796	
Notes Receivable (141):		
NONE		6
Total (Acct. 141):	0	
Customer Accounts Receivable (142):		
Water	43,491	7
Electric	449,213	8
Sewer (Regulated)		9
Other (specify):		
NONE		10
Total (Acct. 142):	492,704	
Other Accounts Receivable (143):		
Sewer (Non-regulated)	91,442	11
Merchandising, jobbing and contract work	8,223	12
Other (specify):		
REFUSE	28,063	13
Total (Acct. 143):	127,728	
Receivables from Municipality (145):		
ADMIN CHARGES	2,114	14
Total (Acct. 145):	2,114	
Prepayments (165):		
UTILITY TAX-DEPARTMENT OF REVENUE	15,423	15
PREPAID BOND ISSUANCE COSTS	265	16
Total (Acct. 165):	15,688	
Extraordinary Property Losses (182):		
NONE		17
Total (Acct. 182):	0	

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Other Deferred Debits (183):		
UNAMORTIZED DEMAND SIDE MANAGEMENT PROGRAM COSTS	90,073	18
Total (Acct. 183):	90,073	
Payables to Municipality (233):		
WATER-UTILITY BILLINGS	84,742	19
SEWER-UTILITY BILLINGS	177,903	20
REFUSE BILLINGS	50,756	21
WWTP-DEBT PAYMENT MADE BY WWTP	46,538	22
DUE TO GENERAL FUND-GASOLINE, OTHER JOINT COSTS PAID BY CITY	48,918	23
Total (Acct. 233):	408,857	
Other Deferred Credits (253):		
NONE		24
Total (Acct. 253):	0	

RETURN ON RATE BASE COMPUTATION

1. The data used in calculating rate base are averages.
2. Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
3. Note: Do not include property held for future use or construction work in progress with utility plant in service. These are not rate base components.

Average Rate Base (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Add Average:						
Utility Plant in Service	0	7,403,761	0	0	7,403,761	1
Materials and Supplies	0	212,428	0	0	212,428	2
Other (specify):						
NONE					0	3
Less Average:						
Reserve for Depreciation	0	2,216,432	0	0	2,216,432	4
Customer Advances for Construction		48,268			48,268	5
Contributions in Aid of Construction	0	433,384	0	0	433,384	6
Other (specify):						
NONE					0	7
Average Net Rate Base	0	4,918,105	0	0	4,918,105	
Net Operating Income	0	405,982	0	0	405,982	8
Net Operating Income as a percent of						
Average Net Rate Base	N/A	8.25%	N/A	N/A	8.25%	

RETURN ON PROPRIETARY CAPITAL COMPUTATION

1. The data used in calculating proprietary capital are averages.
2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)	
Average Proprietary Capital		
Capital Paid in by Municipality	0	1
Appropriated Earned Surplus	883,278	2
Unappropriated Earned Surplus	3,255,079	3
Other (Specify):		4
Total Average Proprietary Capital	4,138,357	
Net Income		
Net Income	321,252	5
Percent Return on Proprietary Capital	7.76%	

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

1. Acquisitions.

2. Leaseholder changes.

3. Extensions of service.

4. Estimated changes in revenues due to rate changes.

5. Obligations incurred or assumed, excluding commercial paper.

6. Formal proceedings with the Public Service Commission.

7. Any additional matters.

FINANCIAL SECTION FOOTNOTES

Balance Sheet End-of-Year Account Balances (Page F-19)

Other deferred debits - 183 - Demand side management program costs whereby amortization over a 3 year period authorized with last rate increase.

Identification and Ownership - Contacts (Page iv)

June 12, 2000

Mr. Michael Frey, Manager
Medford Electric Utility
330 South Whelen Avenue
P.O. Box 360
Medford, WI 54451-0360

1999 Analytical Review DWCCA-3510-ELE

Dear Mr. Frey:

The Public Service Commission has completed their analytical review of your 1999 annual report. The primary purpose of our analytical review is to detect possible accounting related errors and to identify significant fluctuations from prior year's data, which are not sufficiently explained in the footnotes of your annual report. Our review did not identify any such issues. We are closing the review of your 1999 annual report.

Thank you for your efforts in preparing your 1999 annual report. If you have any questions, please feel free to contact me at (608) 266-3768.

Sincerely,

Elaine Engelke
Financial Specialist
Division of Water, Compliance, and Consumer Affairs

ELE:tlk:w:\compl\Analytical Reviews\1999 analytical review letters\no prob CEM.doc

cc: Ms. Arlene Parent, Chair

ELECTRIC OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Electricity		
Sales of Electricity (440-448)	5,580,712	1
Total Sales of Electricity	5,580,712	
Other Operating Revenues		
Forfeited Discounts (450)	7,011	2
Miscellaneous Service Revenues (451)	185	3
Sales of Water and Water Power (453)	0	4
Rent from Electric Property (454)	6,200	5
Interdepartmental Rents (455)	0	6
Other Electric Revenues (456)	789	7
Amortization of Construction Grants (457)	0	8
Total Other Operating Revenues	14,185	
Total Operating Revenues	5,594,897	
Operation and Maintenance Expenses		
Power Production Expenses (500-546)	4,325,723	9
Transmission Expenses (550-553)	0	10
Distribution Expenses (560-576)	164,494	11
Customer Accounts Expenses (901-904)	48,432	12
Sales Expenses (910)	237	13
Administrative and General Expenses (920-935)	218,117	14
Total Operation and Maintenance Expenses	4,757,003	
Other Expenses		
Depreciation Expense (403)	240,158	15
Amortization Expense (404-407)	45,037	16
Taxes (408)	146,717	17
Total Other Expenses	431,912	
Total Operating Expenses	5,188,915	
NET OPERATING INCOME	405,982	

OTHER OPERATING REVENUES (ELECTRIC)

1. Report revenues relating to each account and fully describe each item using other than the account title.
 2. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.

Particulars (a)	Amount (b)	
Forfeited Discounts (450):		
Customer late payment charges	7,011	1
Other (specify):		
NONE		2
Total Forfeited Discounts (450)	7,011	
Miscellaneous Service Revenues (451):		
MISC SERVICE	185	3
Total Miscellaneous Service Revenues (451)	185	
Sales of Water and Water Power (453):		
NONE		4
Total Sales of Water and Water Power (453)	0	
Rent from Electric Property (454):		
POLE CONTRACTS, TELEPHONE, CATV	6,200	5
Total Rent from Electric Property (454)	6,200	
Interdepartmental Rents (455):		
NONE		6
Total Interdepartmental Rents (455)	0	
Other Electric Revenues (456):		
SALES TAX COLLECTIONS DISCOUNTS	789	7
Total Other Electric Revenues (456)	789	
Amortization of Construction Grants (457):		
NONE		8
Total Amortization of Construction Grants (457)	0	

ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 25 percent, but not less than \$5,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
POWER PRODUCTION EXPENSES		
STEAM POWER GENERATION EXPENSES		
Operation Supervision and Labor (500)		1
Fuel (501)		2
Operation Supplies and Expenses (502)		3
Steam from Other Sources (503)		4
Steam Transferred -- Credit (504)		5
Maintenance of Steam Production Plant (506)		6
Total Steam Power Generation Expenses	0	
HYDRAULIC POWER GENERATION EXPENSES		
Operation Supervision and Labor (530)		7
Water for Power (531)		8
Operation Supplies and Expenses (532)		9
Maintenance of Hydraulic Production Plant (535)		10
Total Hydraulic Power Generation Expenses	0	
OTHER POWER GENERATION EXPENSES		
Operation Supervision and Labor (538)		11
Fuel (539)		12
Operation Supplies and Expenses (540)		13
Maintenance of Other Power Production Plant (543)		14
Total Other Power Generation Expenses	0	
OTHER POWER SUPPLY EXPENSES		
Purchased Power (545)	4,325,723	15
Other Expenses (546)		16
Total Other Power Supply Expenses	4,325,723	
Total Power Production Expenses	4,325,723	
TRANSMISSION EXPENSES		
Operation Supervision and Labor (550)		17
Operation Supplies and Expenses (551)		18

ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 25 percent, but not less than \$5,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
TRANSMISSION EXPENSES		
Maintenance of Transmission Plant (553)		19
Total Transmission Expenses	<u>0</u>	
DISTRIBUTION EXPENSES		
Operation Supervision Expenses (560)	9,037	20
Line and Station Labor (561)	40,901	21
Line and Station Supplies and Expenses (562)	11,047	22
Street Lighting and Signal System Expenses (565)	6,916	23
Meter Expenses (566)	7,524	24
Customer Installations Expenses (567)	629	25
Miscellaneous Distribution Expenses (569)	13,495	26
Maintenance of Structures and Equipment (571)	2,027	27
Maintenance of Lines (572)	70,307	28
Maintenance of Line Transformers (573)	443	29
Maintenance of Street Lighting and Signal Systems (574)	2,168	30
Maintenance of Meters (575)		31
Maintenance of Miscellaneous Distribution Plant (576)		32
Total Distribution Expenses	<u>164,494</u>	
CUSTOMER ACCOUNTS EXPENSES		
Meter Reading Labor (901)	20,032	33
Accounting and Collecting Labor (902)	23,207	34
Supplies and Expenses (903)	5,409	35
Uncollectible Accounts (904)	(216)	36
Total Customer Accounts Expenses	<u>48,432</u>	
SALES EXPENSES		
Sales Expenses (910)	237	37
Total Sales Expenses	<u>237</u>	

ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 25 percent, but not less than \$5,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	68,649	38
Office Supplies and Expenses (921)	6,095	39
Administrative Expenses Transferred -- Credit (922)	0	40
Outside Services Employed (923)	21,394	41
Property Insurance (924)	7,744	42
Injuries and Damages (925)	3,897	43
Employee Pensions and Benefits (926)	78,133	44
Regulatory Commission Expenses (928)	2,460	45
Miscellaneous General Expenses (930)	29,216	46
Transportation Expenses (933)	379	47
Maintenance of General Plant (935)	150	48
Total Administrative and General Expenses	218,117	
Total Operation and Maintenance Expenses	4,757,003	

TAXES (ACCT. 408 - ELECTRIC)

When allocation of taxes is made between departments, explain method used.

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent	N/A	105,856	1
Social Security	N/A	19,342	2
Wisconsin Gross Receipts Tax	BASED ON REVENUES	15,104	3
PSC Remainder Assessment	BASED ON REVENUES	6,415	4
Other (specify): NONE			5
Total tax expense		146,717	

PROPERTY TAX EQUIVALENT (ELECTRIC)

1. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
2. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
3. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
4. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
5. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.069(1)(c). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
6. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Taylor				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.212235				3
County tax rate	mills		7.665010				4
Local tax rate	mills		5.916622				5
School tax rate	mills		9.861006				6
Voc. school tax rate	mills		1.987493				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		0.000000				9
Total tax rate	mills		25.642366				10
Less: state credit	mills		1.567291				11
Net tax rate	mills		24.075075				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		5.916622				14
Combined School Tax Rate	mills		11.848499				15
Other Tax Rate - Local	mills		0.000000				16
Total Local & School Tax	mills		17.765121				17
Total Tax Rate	mills		25.642366				18
Ratio of Local and School Tax to Total	dec.		0.692804				19
Total tax net of state credit	mills		24.075075				20
Net Local and School Tax Rate	mills		16.679296				21
Utility Plant, Jan. 1	\$	7,309,969	7,309,969				22
Materials & Supplies	\$	219,343	219,343				23
Subtotal	\$	7,529,312	7,529,312				24
Less: Plant Outside Limits	\$	1,120,566	1,120,566				25
Taxable Assets	\$	6,408,746	6,408,746				26
Assessment Ratio	dec.		0.942000				27
Assessed Value	\$	6,037,039	6,037,039				28
Net Local & School Rate	mills		16.679296				29
Tax Equiv. Computed for Current Year	\$	100,694	100,694				30
Tax Equivalent per 1994 PSC Report	\$	105,856					31
Any lower tax equivalent as authorized by municipality (see note 5)	\$						32
Tax equiv. for current year (see note 5)	\$	105,856					34

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$50,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)
INTANGIBLE PLANT		
Organization (301)	0	1
Franchises and Consents (302)	0	2
Miscellaneous Intangible Plant (303)	0	3
Total Intangible Plant	0	0
STEAM PRODUCTION PLANT		
Land and Land Rights (310)	0	4
Structures and Improvements (311)	0	5
Boiler Plant Equipment (312)	0	6
Engines and Engine Driven Generators (313)	0	7
Turbogenerator Units (314)	0	8
Accessory Electric Equipment (315)	0	9
Miscellaneous Power Plant Equipment (316)	0	10
Total Steam Production Plant	0	0
HYDRAULIC PRODUCTION PLANT		
Land and Land Rights (330)	0	11
Structures and Improvements (331)	0	12
Reservoirs, Dams and Waterways (332)	0	13
Water Wheels, Turbines and Generators (333)	0	14
Accessory Electric Equipment (334)	0	15
Miscellaneous Power Plant Equipment (335)	0	16
Roads, Railroads and Bridges (336)	0	17
Total Hydraulic Production Plant	0	0
OTHER PRODUCTION PLANT		
Land and Land Rights (340)	0	18
Structures and Improvements (341)	0	19
Fuel Holders, Producers and Accessories (342)	0	20
Prime Movers (343)	0	21
Generators (344)	0	22
Accessory Electric Equipment (345)	0	23
Miscellaneous Power Plant Equipment (346)	0	24
Total Other Production Plant	0	0
TRANSMISSION PLANT		
Land and Land Rights (350)	243	25

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
INTANGIBLE PLANT			
Organization (301)			0 1
Franchises and Consents (302)			0 2
Miscellaneous Intangible Plant (303)			0 3
Total Intangible Plant	0	0	0
STEAM PRODUCTION PLANT			
Land and Land Rights (310)			0 4
Structures and Improvements (311)			0 5
Boiler Plant Equipment (312)			0 6
Engines and Engine Driven Generators (313)			0 7
Turbogenerator Units (314)			0 8
Accessory Electric Equipment (315)			0 9
Miscellaneous Power Plant Equipment (316)			0 10
Total Steam Production Plant	0	0	0
HYDRAULIC PRODUCTION PLANT			
Land and Land Rights (330)			0 11
Structures and Improvements (331)			0 12
Reservoirs, Dams and Waterways (332)			0 13
Water Wheels, Turbines and Generators (333)			0 14
Accessory Electric Equipment (334)			0 15
Miscellaneous Power Plant Equipment (335)			0 16
Roads, Railroads and Bridges (336)			0 17
Total Hydraulic Production Plant	0	0	0
OTHER PRODUCTION PLANT			
Land and Land Rights (340)			0 18
Structures and Improvements (341)			0 19
Fuel Holders, Producers and Accessories (342)			0 20
Prime Movers (343)			0 21
Generators (344)			0 22
Accessory Electric Equipment (345)			0 23
Miscellaneous Power Plant Equipment (346)			0 24
Total Other Production Plant	0	0	0
TRANSMISSION PLANT			
Land and Land Rights (350)			243 25

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$50,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
TRANSMISSION PLANT			
Structures and Improvements (352)	0		26
Station Equipment (353)	0		27
Towers and Fixtures (354)	202,092		28
Poles and Fixtures (355)	116,512		29
Overhead Conductors and Devices (356)	310,937		30
Underground Conduit (357)	0		31
Underground Conductors and Devices (358)	0		32
Roads and Trails (359)	0		33
Total Transmission Plant	629,784	0	
DISTRIBUTION PLANT			
Land and Land Rights (360)	10,408		34
Structures and Improvements (361)	50,946		35
Station Equipment (362)	1,301,208		36
Storage Battery Equipment (363)	0		37
Poles, Towers and Fixtures (364)	756,954	28,195	38
Overhead Conductors and Devices (365)	843,722	18,801	39
Underground Conduit (366)	4,827		40
Underground Conductors and Devices (367)	426,596	15,456	41
Line Transformers (368)	1,103,341	55,401	42
Services (369)	365,388	21,212	43
Meters (370)	262,304	10,044	44
Installations on Customers' Premises (371)	0		45
Leased Property on Customers' Premises (372)	0		46
Street Lighting and Signal Systems (373)	749,676	49,389	47
Total Distribution Plant	5,875,370	198,498	
GENERAL PLANT			
Land and Land Rights (389)	31,102		48
Structures and Improvements (390)	459,397		49
Office Furniture and Equipment (391)	22,605		50
Computer Equipment (391.1)	26,629	2,813	51
Transportation Equipment (392)	32,139	19,028	52
Stores Equipment (393)	1,277		53
Tools, Shop and Garage Equipment (394)	13,576	548	54
Laboratory Equipment (395)	32,541	161	55
Power Operated Equipment (396)	160,921	107,931	56
Communication Equipment (397)	8,013		57

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
TRANSMISSION PLANT				
Structures and Improvements (352)			0	26
Station Equipment (353)			0	27
Towers and Fixtures (354)			202,092	28
Poles and Fixtures (355)			116,512	29
Overhead Conductors and Devices (356)			310,937	30
Underground Conduit (357)			0	31
Underground Conductors and Devices (358)			0	32
Roads and Trails (359)			0	33
Total Transmission Plant	0	0	629,784	
DISTRIBUTION PLANT				
Land and Land Rights (360)			10,408	34
Structures and Improvements (361)			50,946	35
Station Equipment (362)			1,301,208	36
Storage Battery Equipment (363)			0	37
Poles, Towers and Fixtures (364)	5,594		779,555	38
Overhead Conductors and Devices (365)	2,897		859,626	39
Underground Conduit (366)			4,827	40
Underground Conductors and Devices (367)	1,363		440,689	41
Line Transformers (368)	18,036		1,140,706	42
Services (369)	2,119		384,481	43
Meters (370)	4,802		267,546	44
Installations on Customers' Premises (371)			0	45
Leased Property on Customers' Premises (372)			0	46
Street Lighting and Signal Systems (373)	2,083		796,982	47
Total Distribution Plant	36,894	0	6,036,974	
GENERAL PLANT				
Land and Land Rights (389)			31,102	48
Structures and Improvements (390)			459,397	49
Office Furniture and Equipment (391)			22,605	50
Computer Equipment (391.1)	2,859		26,583	51
Transportation Equipment (392)			51,167	52
Stores Equipment (393)			1,277	53
Tools, Shop and Garage Equipment (394)	267		13,857	54
Laboratory Equipment (395)			32,702	55
Power Operated Equipment (396)	70,203		198,649	56
Communication Equipment (397)			8,013	57

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$50,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
GENERAL PLANT			
Miscellaneous Equipment (398)	1,029		58
Other Tangible Property (399)	0		59
Total General Plant	789,229	130,481	
Total utility plant in service directly assignable	7,294,383	328,979	
 Common Utility Plant Allocated to Electric Department	 0		 60
 Total utility plant in service	 7,294,383	 328,979	

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
GENERAL PLANT			
Miscellaneous Equipment (398)			1,029 58
Other Tangible Property (399)			0 59
Total General Plant	73,329	0	846,381
Total utility plant in service directly assignable	110,223	0	7,513,139
Common Utility Plant Allocated to Electric Department			0 60
Total utility plant in service	110,223	0	7,513,139

TRANSMISSION AND DISTRIBUTION LINES

Classification (a)	Miles of Pole Line Owned	
	Net Additions During Year (b)	Total End of Year (c)
Primary Distribution System Voltage(s) -- Urban		
2.4/4.16 kV (4kV)		6.90
7.2/12.5 kV (12kV)	0.22	44.40
14.4/24.9 kV (25kV)		
Other:		
NONE		
Primary Distribution System Voltage(s) -- Rural		
2.4/4.16 kV (4kV)		
7.2/12.5 kV (12kV)	0.20	59.98
14.4/24.9 kV (25kV)		
Other:		
NONE		
Transmission System		
34.5 kV		
69 kV		2.56
115 kV		
138 kV		
Other:		
NONE		

RURAL LINE CUSTOMERS

Rural lines are those serving mainly rural or farm customers. Farm customers are those on a tract of land, 10 or more acres used mainly to produce farm products, or those on any place of 10 acres or less where customer devotes his entire time thereon to agriculture. Rural customers are those billed under distinct rural or farm rates.

Particulars (a)	Amount (b)	
Customers added on rural lines during year:		1
Farm Customers		2
Nonfarm Customers	7	3
Total	7	4
Customers on rural lines at end of year:		5
Rural Customers (served at rural rates):		6
Farm		7
Nonfarm		8
Total	0	9
Customers served at other than rural rates:		10
Farm	39	11
Nonfarm	565	12
Total	604	13
Total customers on rural lines at end of year	604	14

MONTHLY PEAK DEMAND AND ENERGY USAGE

1. Report hereunder the information called for pertaining to simultaneous peak demand established monthly and monthly energy usage col. (f) (in thousands of kilowatt-hours).
2. Monthly peak col. (b) (reported as actual number) should be respondent's maximum kw. load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system.
3. Monthly energy usage should be the sum of respondent's net generation for load and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with Total Source of Energy on the Electric Energy Account schedule.
4. If the utility has two or more power systems not physically connected, the information called for below should be furnished for each system.
5. Time reported in column (e) should be in military time (e.g., 6:30 pm would be reported as 18:30).

Monthly Peak						Monthly Energy Usage	
Month (a)		kW (b)	Day of Week (c)	Date (MM/DD/YYYY) (d)	Time Beginning (HH:MM) (e)	(kWh) (000's) (f)	
January	01	20,716	Monday	01/11/1999	10:00	11,137	1
February	02	19,464	Friday	02/12/1999	10:00	9,847	2
March	03	19,642	Monday	03/08/1999	09:00	10,670	3
April	04	19,236	Tuesday	04/06/1999	10:15	9,902	4
May	05	19,039	Tuesday	05/04/1999	11:00	9,798	5
June	06	20,935	Tuesday	06/22/1999	13:00	10,589	6
July	07	22,605	Friday	07/30/1999	12:45	11,166	7
August	08	21,540	Friday	08/27/1999	13:00	11,067	8
September	09	21,341	Friday	09/03/1999	13:45	10,254	9
October	10	19,292	Monday	10/18/1999	10:45	10,624	10
November	11	19,618	Tuesday	11/30/1999	17:00	10,192	11
December	12	20,950	Tuesday	12/21/1999	10:00	10,938	12
Total		244,378				126,184	

System Name Medford Electric Utility

State type of monthly peak reading (instantaneous 0, 15, 30, or 60 minutes integrated) and supplier.

Type of Reading	Supplier
15 minutes integrated	Northern States Power Co.

ELECTRIC ENERGY ACCOUNT

Particulars (a)		kWh (000's) (b)	
Source of Energy			
Generation (excluding Station Use):			
Fossil Steam			1
Nuclear Steam			2
Hydraulic			3
Internal Combustion Turbine			4
Internal Combustion Reciprocating			5
Non-Conventional (wind, photovoltaic, etc.)			6
Total Generation		0	7
Purchases		126,184	8
Interchanges:	In (gross)		9
	Out (gross)		10
	Net	0	11
Transmission for/by others (wheeling):	Received		12
	Delivered		13
	Net	0	14
Total Source of Energy		126,184	15
			16
Disposition of Energy			17
Sales to Ultimate Consumers (including interdepartmental sales)		123,264	18
Sales For Resale			19
Energy Used by the Company (excluding station use):			20
Electric Utility		48	21
Common (office, shops, garages, etc. serving 2 or more util. depts.)			22
Total Used by Company		48	23
Total Sold and Used		123,312	24
Energy Losses:			25
Transmission Losses (if applicable)			26
Distribution Losses		2,872	27
Total Energy Losses		2,872	28
Loss Percentage (% Total Energy Losses of Total Source of Energy)		2.2760%	29
Total Disposition of Energy		126,184	30

SALES OF ELECTRICITY BY RATE SCHEDULE

1. Column (e) is the sum of the 12 monthly peak demands for all of the customers in each class.
 2. Column (f) is the sum of the 12 monthly customer (or distribution) demands for all of the customers in each class.

Type of Sales/Rate Class Title (a)	Rate Schedule (b)	Avg. No. of Customers (c)	kWh (000 Omitted) (d)	
Residential Sales				
RESIDENTIAL	RG-1	2,535	21,687	1
Total Sales for Residential Sales		2,535	21,687	
Commercial & Industrial				
SMALL POWER SERVICE	CP-1	37	9,898	2
LARGE POWER TIME OF DAY SERVICE	CP-2	21	35,853	3
INDUSTRIAL POWER TIME OF DAY SERVICE	CP-3	4	43,675	4
SECURITY LIGHTING SERVICE	GI-1	68	84	5
GENERAL SERVICE	GS-1	442	11,251	6
GENERAL SERVICE TIME OF DAY SERVICE	GS-2	1	18	7
ATHLETIC FIELD LIGHTING SERVICE	MS-2	2	27	8
Total Sales for Commercial & Industrial		575	100,806	
Public Street & Highway Lighting				
STREET LIGHTING SERVICE	MS-1	1	771	9
Total Sales for Public Street & Highway Lighting		1	771	
Sales for Resale				
NONE				10
Total Sales for Sales for Resale		0	0	
TOTAL SALES FOR ELECTRICITY		3,111	123,264	

SALES OF ELECTRICITY BY RATE SCHEDULE (cont.)

Demand kW (e)	Customer or Distribution kW (f)	Tariff Revenues (g)	PCAC Revenues (h)	Total Revenues (g)+(h)	
		1,164,212	7,343	1,171,555	1
0	0	1,164,212	7,343	1,171,555	
31,610	37,792	484,934	2,830	487,764	2
89,455	100,363	1,547,267	10,196	1,557,463	3
84,899	93,379	1,672,668	12,909	1,685,577	4
		2,677	23	2,700	5
		578,306	3,602	581,908	6
		661	9	670	7
		895	21	916	8
205,964	231,534	4,287,408	29,590	4,316,998	
		91,908	251	92,159	9
0	0	91,908	251	92,159	
				0	10
0	0	0	0	0	
205,964	231,534	5,543,528	37,184	5,580,712	

PURCHASED POWER STATISTICS

Use separate columns for each point of delivery, where a different wholesale supplier contract applies.

Particulars	(b)		(c)		
(a)					
Name of Vendor	Northern States Pwr		Northern States Pwr		1
Point of Delivery	North Sub		South Sub 1		2
Type of Power Purchased (firm, dump, etc.)	Firm		Firm		3
Voltage at Which Delivered	69kV		69kV		4
Point of Metering	Substation-Low Side		Substation-Low Side		5
Total of 12 Monthly Maximum Demands -- kW	77,490		62,428		6
Average load factor	67.1974%		66.3361%		7
Total Cost of Purchased Power					8
Average cost per kWh	0.0000		0.0000		9
On-Peak Hours (if applicable)	9am-9pm Mon-Fri		9am-9pm Mon-Fri		10
Monthly purchases --- kWh (000):	On-peak	Off-peak	On-peak	Off-peak	11
January	1,406	2,140	1,050	1,560	12
February	1,322	1,784	1,014	1,334	13
March	1,487	1,884	1,100	1,325	14
April	1,279	1,684	945	1,202	15
May	1,210	1,653	836	1,291	16
June	1,364	1,691	1,113	1,288	17
July	1,376	1,832	1,140	1,502	18
August	1,420	1,812	1,286	1,527	19
September	1,330	1,657	1,189	1,448	20
October	1,327	1,850	1,171	1,549	21
November	1,358	1,716	1,165	1,437	22
December	1,428	2,002	1,186	1,573	23
Total kWh (000)	16,307	21,705	13,195	17,036	24
					25
					26
					27
	(d)		(e)		28
Name of Vendor	Northern States Pwr		Northern States Pwr		29
Point of Delivery	South Sub 2		Whelen Sub		30
Voltage at Which Delivered	Firm		Firm		31
Point of Metering	69kV		69kV		32
Type of Power Purchased (firm, dump, etc.)	Substation-Low Side		Substation-Low Side		33
Total of 12 Monthly Maximum Demands -- kW	72450		39464		34
Average load factor	74.3716%		64.5881%		35
Total Cost of Purchased Power					36
Average cost per kWh	0.0000		0.0000		37
On-Peak Hours (if applicable)	9am-9pm Mon-Fri		9am-9pm Mon-Fri		38
Monthly purchases --- kWh (000):	On-peak	Off-peak	On-peak	Off-peak	39
January	1,220	1,944	772	1,046	40
February	1,155	1,688	716	834	41
March	1,366	1,789	826	893	42
April	1,303	1,840	741	909	43
May	1,299	2,000	595	814	44
June	1,474	2,023	762	874	45
July	1,434	2,081	798	1,004	46
August	1,457	2,088	660	817	47
September	1,368	1,967	566	729	48
October	1,306	2,120	542	759	49
November	1,271	1,890	580	775	50
December	1,308	1,943	653	942	51
Total kWh (000)	15,961	23,373	8,211	10,396	52

PRODUCTION STATISTICS TOTALS

Particulars (a)	Total (b)	
Name of Plant		1
Unit Identification		2
Type of Generation		3
kWh Net Generation (000)	0	4
Is Generation Metered or Estimated?		5
Is Exciter & Station Use Metered or Estimated?		6
60-Minute Maximum Demand--kW (est. if not meas.)	0	7
Date and Hour of Such Maximum Demand		8
Load Factor		9
Maximum Net Generation in Any One Day	0	10
Date of Such Maximum		11
Number of Hours Generators Operated		12
Maximum Continuous or Dependable Capacity--kW	0	13
Is Plant Owned or Leased?		14
Total Production Expenses	0	15
Cost per kWh of Net Generation (\$)		16
Monthly Net Generation --- kWh (000): January	0	17
February	0	18
March	0	19
April	0	20
May	0	21
June	0	22
July	0	23
August	0	24
September	0	25
October	0	26
November	0	27
December	0	28
Total kWh (000)	0	29
Gas Consumed--Therms	0	30
Average Cost per Therm Burned (\$)		31
Fuel Oil Consumed Barrels (42 gal.)	0	32
Average Cost per Barrel of Oil Burned (\$)		33
Specific Gravity		34
Average BTU per Gallon		35
Lubricating Oil Consumed--Gallons	0	36
Average Cost per Gallon (\$)		37
kWh Net Generation per Gallon of Fuel Oil		38
kWh Net Generation per Gallon of Lubr. Oil		39
Does plant produce steam for heating or other purposes in addition to elec. generation?		40
Coal consumed--tons (2,000 lbs.)	0	42
Average Cost per Ton (\$)		43
Kind of Coal Used		44
Average BTU per Pound		45
Water Evaporated--Thousands of Pounds	0	46
Is Water Evaporated, Metered or Estimated?		47
Lbs. of Steam per Lb. of Coal or Equivalent Fuel		48
Lbs. of Coal or Equiv. Fuel per kWh Net Gen.		49
Based on Total Coal Used at Plant		50
Based on Coal Used Solely in Electric Generation		51
Average BTU per kWh Net Generation		52
Total Cost of Fuel (Oil and/or Coal)		53
per kWh Net Generation (\$)		54

PRODUCTION STATISTICS

Particulars (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)
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NONE

STEAM PRODUCTION PLANTS

1. Report each boiler and each generating unit separately. Indicate any other than 60 hertz.
 2. In columns (c) and (i), report year equipment was first placed in service, regardless of subsequent change in ownership.

Boilers							
Name of Plant (a)	Unit No. (b)	Year Installed (c)	Rated Steam Pressure (lbs.) (d)	Rated Steam Temp. F. (e)	Type (f)	Fuel Type and Firing Method (g)	Rated Maxi- mum Steam Pressure (1000 lbs./hr.) (h)
NONE							
Total							0
							1

INTERNAL COMBUSTION GENERATION PLANTS

1. Report each boiler and each generating unit separately. Indicate any other than 60 hertz.
 2. In column (c) and (h), report year equipment was first placed in service, regardless of subsequent change in ownership.

Prime Movers						
Name of Plant (a)	Unit No. (b)	Year Installed (c)	Type (Recip. or Turbine) (d)	Manufacturer (e)	RPM (f)	Rated HP Each Unit (g)
NONE						
Total						0
						1

STEAM PRODUCTION PLANTS (cont.)

3. Under column (j), report tandem-compound (TC); cross-compound (CC); single casing (SC); topping unit (T); noncondensing (NC); and reciprocating (R). Show back pressure.
4. In column (q), report actual load in kW which the plant will carry over an indefinite period as determined by experience or accredited capability tests.

Turbine-Generators								
Year Installed (i)	Type (j)	RPM (k)	Voltage (kV) (l)	kWh Generated by Each Unit During Yr. (000's) (m)	Rated Unit Capacity		Total Rated Plant Capacity (kW) (p)	Total Maximum Continuous Capacity (kW) (q)
				kW (n)	kVA (o)			
				Total				0

1

INTERNAL COMBUSTION GENERATION PLANTS (cont.)

3. In column (n), report actual load in kW which the plant will carry over an indefinite period as determined by experience or accredited capability tests.

Generators						
Year Installed (h)	Voltage (kV) (i)	kWh Generated by Each Unit Generator During Yr. (000's) (j)	Rated Unit Capacity		Total Rated Plant Capacity (kW) (m)	Total Maximum Continuous Plant Capacity (kW) (n)
			kW (k)	kVA (l)		
Total		0	0	0	0	0

1

HYDRAULIC GENERATING PLANTS

1. In column (d), indicate type of unit--horizontal, vertical, bulb, etc.
2. In column (j), report operating head as indicated by manufacturer's rating of wheel horsepower.

Name of Plant (a)	Name of Stream (b)	Control (Attended, Automatic or Remote) (c)	Type (d)	Prime Movers			
				Unit No. (e)	Year Installed (f)	RPM (g)	Rated HP Each Unit (h)

NONE

HYDRAULIC GENERATING PLANTS (cont.)

3. Capacity shown in column (q) should be based on the equipment installed and determined independently by stream flow; i.e., on the assumption of adequate stream flow.

Generators							Total Rated Plant Capacity (kW) (p)	Total Maximum Continuous Plant Capacity (kW) (q)
Rated Head (i)	Operating Head (j)	Year Installed (k)	Voltage (kV) (l)	kWh Generated by Each Unit During Year (000's) (m)	Rated Unit Capacity			
					kW (n)	kVA (o)		

SUBSTATION EQUIPMENT

Report separately each substation used wholly or in part for transmission, each distribution substation over 1,000 kVA capacity and each substation that serves customers with energy for resale.

Particulars (a)	Utility Designation					
	(b)	(c)	(d)	(e)	(f)	
Name of Substation	GLASS N	GLASS S	HURD 1	HURD 2	MILLWORK N	1
Voltage--High Side	12,470	12,470	4,160	12,470	12,470	2
Voltage--Low Side	480	480	240	480	480	3
Num. Main Transformers in Operation	1	1	3	1	1	4
Capacity of Transformers in kVA	1,500	1,500	1,500	1,500	1,500	5
Number of Spare Transformers on Hand	1	1	0	1	1	6
15-Minute Maximum Demand in kW	693	766	357	925	1,101	7
Dt and Hr of Such Maximum Demand						8
						9
Kwh Output	3,113	2,771	1,434	3,621	4,816	10

SUBSTATION EQUIPMENT (continued)

Particulars (g)	Utility Designation					
	(h)	(i)	(j)	(k)	(l)	
Name of Substation	VILLWORK S	NORTH	SOUTH 1	SOUTH 2	VINYL	16
Voltage--High Side	12,470	69,000	69,000	69,000	12,470	17
Voltage--Low Side	480	12,470	12,470	12,470	480	18
Num. of Main Transformers in Operation	3	1	1	1	1	19
Capacity of Transformers in kVA	1,500	10,000	10,000	10,000	2,500	20
Number of Spare Transformers on Hand	1	0	0	0	0	21
15-Minute Maximum Demand in kW	840	6,996	5,529	6,929	1,332	22
Dt and Hr of Such Maximum Demand		12/20/1999	07/30/1999	07/30/1999		23
		18:00	11:00	13:00		24
Kwh Output	3,779	38,013	30,331	39,333	7,583	25

SUBSTATION EQUIPMENT (continued)

Particulars (m)	Utility Designation					
	(n)	(o)	(p)	(q)	(r)	
Name of Substation	WHELEN					31
Voltage--High Side	69,000					32
Voltage--Low Side	4,160					33
Num. of Main Transformers in Operation	1					34
Capacity of Transformers in kVA	5,000					35
Number of Spare Transformers on Hand	0					36
15-Minute Maximum Demand in kW	3,961					37
Dt and Hr of Such Maximum Demand	07/26/1999					38
	11:00					39
Kwh Output	18,607					40

ELECTRIC DISTRIBUTION METERS & LINE TRANSFORMERS

Particulars (a)	Number of Watt-Hour Meters (b)	Line Transformers		
		Number (c)	Total Cap. (kVA) (d)	
Number first of year	3,119	1,199	58,488	1
Acquired during year	109	40	2,740	2
Total	3,228	1,239	61,228	3
Retired during year	41	3	1,025	4
Sales, transfers or adjustments increase (decrease)		(7)	(250)	5
Number end of year	3,187	1,229	59,953	6
Number end of year accounted for as follows:				7
In customers' use	3,045	1,070	47,933	8
In utility's use	4	4	65	9
Inactive transformers on system		3	15	10
Locked meters on customers' premises				11
In stock	138	152	11,940	12
Total end of year	3,187	1,229	59,953	13

STREET LIGHTING EQUIPMENT

1. Under column (a) use the following types: Sodium Vapor, Mercury Vapor, Incandescent, Fluorescent, Metal Halide/Halogen, Other.
2. Indicate size in watts, column(b).
3. If breakdown of kWh column (d) is not available, please allocate based on utility's best estimate.

Particulars (a)	Watts (b)	Number Each Type (c)	kWh Used Annually (d)	
Street Lighting Non-Ornamental				
Mercury Vapor	175	1	1,104	1
Mercury Vapor	250	149	231,778	2
Sodium Vapor	70	72	28,598	3
Sodium Vapor	100	61	29,585	4
Sodium Vapor	150	407	259,064	5
Sodium Vapor	250	167	220,373	6
Total		857	770,502	
Ornamental				
NONE				7
Total		0	0	
Other				
NONE				8
Total		0	0	

ELECTRIC OPERATING SECTION FOOTNOTES

Electric Operating Revenues & Expenses (Page E-01)

Amortization expense - annual amortization of demand side management program costs.

Electric Operation & Maintenance Expenses (Page E-03)

Account 561/562 - Increase in the labor required for line repairs; supplies and expenses decreased due to less supplies required in 1999

Account 902/930 - A portion of the City provided accounting and administration which was charged to 902 in 1998 is in account 930 in 1999.

Account 923 - Increased attorney fees in 1999 for labor negotiation issues and power issue.

Account 924 - Changed the method of allocating property insurance (directly charged)

Account 928 - 1998 was an unusually high year for regulatory issues (attorney involvement)

Electric Utility Plant in Service (Page E-06)

Account 368 - Transformers - Capacitor additions to improve power; usual upgrades, replacements and additions

Account 396 - Purchased a new backhoe (\$93,000) and traded in a backhoe toward the purchase (\$70,203 original cost)
